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**Glazing**
- Doors / windows:
  - Single clear
  - Double clear
  - Glazing to balcony edge.
  - U-Value: 4.4 (equal to or lower than)
  - SHGC: 0.5 (+ or – 10%)

Given values are NFRC, total window values

**Roof**:
- Plasterboard ceiling - R3.0 bulk insulation to selected units (34.01 and 34.07) with balconies above.
- Ceiling:
- Wall / floor insulation

**External Wall**:
- 75mm hebel power panel plasterboard lined with R2.0 acoustic insulation

**Floor**:
- Concrete – R2.1 insulation to all units in level 7 with car park below

**Floor coverings**
- 1 & 2 bed apartments - tiles to wets areas, carpet to bedrooms
- All 3 & 4 bed apartments tiled throughout

**A/C**
- Central hot water system
- Reticulated alternative water supply available from Sydney Olympic Park to toilets within the building (No rainwater tank required for BASIX compliance)

**Site**
- Site 9, Sydney Olympic Park
- 3 Olympic Boulevard

**General Arrangement Plan**
- Level 08

**Notes - Construction General (BASIX)**

- Location: Sydney Olympic Park
- Use: Commercial
- No rainwater tank required for BASIX compliance

**Scale**
- 1 : 200

**Plot Date**
- 20/07/2016

**Plot File**
- DA02.007

**Revision**
- DA02.008

**Status**
- Development Application

**Project No.**
- S11890

**Checked**
- 20/07/2016 4:17:43 PM

**Drawn**
- 11600 5150 12050

**Description**
- Design

**Initial**
- 1

**Checked**
- 1

**Project No.**
- 1185 m²

**Scale**
- 1 : 200

**Status**
- Development Application
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**Notes - Construction General (BASIX)**

- **Single clear glazing to internal windows**
- **Aluminium framed glazing to curtain walls & glazing to balcony edge.**
- U-Value: 4.4 (equal to or lower than) SHGC: 0.5 (+ or – 10%)
- **Roof:** Concrete roof - No insulation
- **Ceiling:** Plasterboard ceiling - R2.0 bulk insulation to all units to top floor,
  - Note: It has been assumed at DA stage that the area of all down lights are proposed at a later stage, BCA loss of insulation calculations will be required.
- **External Wall:** Lightweight cladding to all external walls with R1.5 bulk insulation
  - No colour nominated
- **Inter-tenancy walls / corridor:** 75mm hebel power panel plasterboard lined with R2.0 acoustic insulation
  - 75mm hebel power panel plasterboard lined with R1.5 acoustic insulation
- **Floors:**
  - Concrete – no insulation required between units
  - **DA08.002**
  - **DA07.002**
  - **DA08.001**
  - **DA08.002**
  - **DA07.003**

**A/C**
- 1 & 2 bed apartments - tiles to wets areas, carpet to bedrooms
- Central hot water system
- Central gas-fired boiler with R1.0 (~38mm) insulation to ringmain and supply risers.
- **Terrace below**
- Reticulated alternative water supply available from Sydney Olympic Park Authority to be used for the irrigation of all landscaping & all
- **11600 5150 12050**
- **A/C**
- **East pavilion**
- **West pavilion**
- **3 Olympic Boulevard**
- **Melbourne**
  - **43 Brisbane Street**
  - **Melbourne VIC 3000 Australia**
  - T 03 8664 6200 F 03 8664 6300 email mel@batessmart.com.au
  - **Pty Ltd ABN 70 004 999 400**
- Bates Smart
  - **Level 10, 12, 16**
- **DA02.010**
- **DA02.009**
- **Bates Smart**
  - **Status**
  - **Scale**
  - **Checked**
  - **Author Checker**
  - **Plot Date**
  - **Revision**
  - **Revision Date Description Initial Checked**

**Plot Date**
- 20/07/2016 2:59:51 PM
- **Revision Date Description Initial Checked**
- 20/07/2016 2:59:31 PM
- **Revision**
- **DA02.009**
Notes - Construction General (BASIX)

Glazing

Doors / windows:
- Aluminium framed single clear glazing to internal windows that open to wintergardens U-Value: 6.6 (equal to or lower than) SHGC: 0.69 (+ or – 10%)
- Aluminium framed double clear glazing to curtain walls & glazing to balcony edge. U-Value: 4.4 (equal to or lower than) SHGC: 0.5 (+ or – 10%)

Given values are NFRC, total window values

Roof / ceiling insulation

Roof:
Concrete roof - No insulation
Default Colour modelled

Ceiling:
Plasterboard ceiling - R3.0 bulk insulation to selected units (34.01 and 34.07) with balconies above.
Plasterboard ceiling - R2.0 bulk insulation to all units to top floor, balconies above & slot areas above to all other units.

Note: It has been assumed at DA stage that the area of all ceiling penetrations is less than 0.5% of the total ceiling area. If down lights are proposed at a later stage, BCA loss of insulation calculations will be required.

Wall / floor insulation

External Wall:
Lightweight cladding to all external walls with R1.5 bulk insulation
No colour nominated

Internal walls within units:
Plasterboard on studs - no insulation

Inter-tenancy walls / corridor:
75mm hebel power panel plasterboard lined with R2.0 acoustic insulation to selected units only (7.01 and 8.01)
75mm hebel power panel plasterboard lined with R1.5 acoustic insulation to all other units.

Floors:
Concrete – R2.1 insulation to all units in level 7 with car park below
Concrete – no insulation required between units

Floor coverings:
1 & 2 bed apartments - tiles to wets areas, carpet to bedrooms and living areas as per plans
All 3 & 4 bed apartments tiled throughout

Central hot water system

Central gas-fired boiler with R1.0 (~38mm) insulation to ringmain and supply risers.

Reticulated alternative water supply available from Sydney Olympic Park Authority to be used for the irrigation of all landscaping & all toilets within the building (No rainwater tank required for BASIX compliance)

Alternative energy

Not required by BASIX
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Do not scale drawings - refer to figured dimensions only. Any discrepancies shall immediately be referred to the architect for clarification.

Notes - Construction General (BASIX)

Glazing
- single clear
- U-Value: 6.6 (equal to or lower than)
- SHGC: 0.69 (+ or – 10%)
- Aluminium framed double clear glazing to balcony edge.
- U-Value: 4.4 (equal to or lower than)
- SHGC: 0.5 (+ or – 10%)

Given values are NFRC, total window values

Roof:
- Concrete roof - No insulation

Ceiling:

- 19255 9700 6800 9700 (34.01 and 34.07) with balconies above.
- Plasterboard ceiling - R2.0 bulk insulation to all units to top floor, balconies above & slot areas above to all other units.

Note: It has been assumed at DA stage that the area of all down lights are proposed at a later stage, BCA loss of insulation calculations will be required.

Wall / floor insulation

- Lightweight cladding to all external walls with R1.5 bulk insulation
- No colour nominated

Internal walls within units:
- 75mm hebel power panel plasterboard lined with R2.0 acoustic insulation to selected units only (7.01 and 8.01)

Inter-tenancy walls / corridor:
- 75mm hebel power panel plasterboard lined with R1.5 acoustic insulation to all other units.

Floor:
- Concrete – R2.1 insulation to all units in level 7 with car park

Windows / doors:
- Glazing to internal windows
- U-Value: 2.8 (equal to or lower than)
- SHGC: 0.75 (+ or – 10%)

Plant / Utility

- Central gas-fired boiler with R1.0 (~38mm) insulation to ring main and supply risers.

A/C

- Lift 1
- 50 m²
- 10 m²
- 84 m²

- Lift 2
- 15.01
- 2B-F

- Study
- Balcony
- 11 m²
- 11 m²

Situation

- Lift 1
- 15.08
- 11600 5150 12050 900

- Lift 2
- 15.05
- 15.07

- 1 & 2 bed apartments - tiles to wets areas, carpet to bedrooms and living areas as per plans
- All 3 & 4 bed apartments tiled throughout

Central hot water system
-

Reticulated alternative water Not required by BASIX

Client: Ecove

Site 9, Sydney Olympic Park
3 Olympic Boulevard

General Arrangement Plan
Level 18, 17, 19

Status

BDY

Scale

b1

Checked

Drawn

Project No.

Author Checker

Plot Date

Plot File

Drawing no.

Revision

DA02.015

B

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Notes - Construction General (BASIX)

Glazing
Doors / windows:
- Aluminium framed single clear glazing to internal windows that open to wintergardens
  U-Value: 6.6 (equal to or lower than) SHGC: 0.69 (+ or – 10%)
- Aluminium framed double clear glazing to curtain walls & glazing to balcony edge.
  U-Value: 4.4 (equal to or lower than) SHGC: 0.5 (+ or – 10%)
  Given values are NFRC, total window values

Roof / ceiling insulation
- Concrete roof - No insulation
- Plasterboard ceiling - R3.0 bulk insulation to selected units (34.01 and 34.07) with balconies above.
- Plasterboard ceiling - R2.0 bulk insulation to all units to top floor, balconies above & slot areas above to all other units.
  Note: It has been assumed at DA stage that the area of all ceiling penetrations is less than 0.5% of the total ceiling area. If down lights are proposed at a later stage, BCA loss of insulation calculations will be required.

Wall / floor insulation
- External Wall:
  Lightweight cladding to all external walls with R1.5 bulk insulation
- Internal walls within units:
  Plasterboard on studs - no insulation
- Inter-tenancy walls / corridor:
  75mm hebel power panel plasterboard lined with R2.0 acoustic insulation to selected units only (7.01 and 8.01)
  75mm hebel power panel plasterboard lined with R1.5 acoustic insulation to all other units.
- Floors:
  Concrete – R2.1 insulation to all units in level 7 with car park below
  Concrete – no insulation required between units

Floor coverings
1 & 2 bed apartments - tiles to wets areas, carpet to bedrooms and living areas as per plans
All 3 & 4 bed apartments tiled throughout

Central hot water system
Central gas-fired boiler with R1.0 (~38mm) insulation to ringmain and supply risers.

Reticulated alternative water
Alternative water supply available from Sydney Olympic Park Authority to be used for the irrigation of all landscaping & all toilets within the building (No rainwater tank required for BASIX compliance)

Alternative energy
Not required by BASIX
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Glazing

- Doors / windows:
  - Single clear to wintergardens
  - Double clear glazing to balcony edge.
  - U-Value: 4.4 (equal to or lower than) SHGC: 0.5 (+ or – 10%)

Roof / ceiling insulation

- Concrete roof - No insulation
- Plasterboard ceiling - R3.0 bulk insulation to selected units (34.01 and 34.07) with balconies above.
- Plasterboard ceiling - R2.0 bulk insulation to all units to top floor, balconies above & slot areas above to all other units.
- Note: It has been assumed at DA stage that the area of all down lights are proposed at a later stage, BCA loss of insulation calculations will be required.

Wall / floor insulation

- Balcony:
  - Lightweight cladding to all external walls with R1.5 bulk insulation
  - No colour nominated

Internal walls within units:

- 10 m²
- 13 m²
- Plasterboard on studs - no insulation

Inter-tenancy walls / corridor:

- 16.04
- 16.05
- 1B-A
- 16.07
- 1B-B
- 70 m²
- Adaptable
- 58 m²
- 16.06
- 1B-C
- 16.08
- 2B-E

Floor coverings:

- All 3 & 4 bed apartments tiled throughout
- Balcony
  - 11 m²
- Central gas-fired boiler with R1.0 (~38mm) insulation to toilets within the building (No rainwater tank required for BASIX compliance)
- Alternative energy
  - DA08.001
  - 1
  - DA07.001

Plant / Utility

- Lift 2
- Reticulated alternative water ringmain and supply risers.
- Alternative water supply available from Sydney Olympic Park
- Not required by BASIX
- 1
- 1
- DA02.016
- 1B-A

Revision Date Description Initial Checked

Client: Ecove

Site 9, Sydney Olympic Park

Level 16, 18

Scale @ A1

Printed: B 20.07.16 Amended DA Issue JS CP

Project No.

Plot Date

Drawn

Author Checker

Plot File

Revision

B

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Pty Ltd ABN 70 004 999 400
Notes - Construction General (BASIX)

- Glazing

- Aluminium framed single clear glazing to internal windows that open to wintergardens
  - U-Value: 6.6 (equal to or lower than) SHGC: 0.69 (+ or – 10%)

- Aluminium framed double clear glazing to curtain walls & glazing to balcony edge.
  - U-Value: 4.4 (equal to or lower than) SHGC: 0.5 (+ or – 10%)

- Given values are NFRC, total window values

- Roof / ceiling insulation

- Concrete roof - No insulation

- Plasterboard ceiling - R3.0 bulk insulation to selected units (34.01 and 34.07) with balconies above.

- Plasterboard ceiling - R2.0 bulk insulation to all units to top floor, balconies above & slot areas above to all other units.

  - Note: It has been assumed at DA stage that the area of all ceiling penetrations is less than 0.5% of the total ceiling area. If down lights are proposed at a later stage, BCA loss of insulation calculations will be required.

- Wall / floor insulation

- External Wall:
  - Lightweight cladding to all external walls with R1.5 bulk insulation

- Internal walls within units:
  - Plasterboard on studs - no insulation

- Inter-tenancy walls / corridor:
  - 75mm hebel power panel plasterboard lined with R2.0 acoustic insulation to selected units only (7.01 and 8.01)

- 75mm hebel power panel plasterboard lined with R1.5 acoustic insulation to all other units.

- Floors:
  - Concrete – R2.1 insulation to all units in level 7 with car park below
  - Concrete – no insulation required between units

- Floor coverings

- 1 & 2 bed apartments - tiles to wets areas, carpet to bedrooms and living areas as per plans

- All 3 & 4 bed apartments tiled throughout

- Central hot water system

- Central gas-fired boiler with R1.0 (~38mm) insulation to ringmain and supply risers.

- Reticulated alternative water

- Alternative water supply available from Sydney Olympic Park Authority to be used for the irrigation of all landscaping & all toilets within the building (No rainwater tank required for BASIX compliance)

- Alternative energy

- Not required by BASIX

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Notes - Construction General (BASIX)
- Aluminium framed glazing to internal windows
- double clear glazing to curtain walls & glazing to balcony edge
- U-Value: 4.4 (equal to or lower than) SHGC: 0.5 (+ or – 10%)

Roof:
Concrete roof - No insulation

Ceiling:
Default Colour modelled (34.01 and 34.07) with balconies above.

Plasterboard ceiling - R2.0 bulk insulation to all units to top floor, A/C

Balcony ceiling penetrations is less than 0.5% of the total ceiling area. If down lights are proposed at a later stage, BCA loss of insulation

Wall / floor insulation
Lightweight cladding to all external walls with R1.5 bulk insulation No colour nominated

Internal walls within units:
75mm hebel power panel plasterboard lined with R2.0 acoustic insulation to selected units only (7.01 and 8.01)

75mm hebel power panel plasterboard lined with R1.5 acoustic insulation to all other units.

Floors:
Balcony Concrete – R2.1 insulation to all units in level 7 with car park belowConcrete – no insulation required between units

A/C

1 & 2 bed apartments - tiles to wets areas, carpet to bedrooms and living areas as per plans

Fixed hanging with Tile Fix

1 & 2 bed apartments - tiles to wets areas, carpet to bedrooms and living areas as per plans

Central hot water system
Reticulated alternative water

Alternative water supply available from Sydney Olympic Park

Balcony toilets within the building (No rainwater tank required for BASIX compliance)

Authority to be used for the irrigation of all landscaping & all

A 01.03.16 Development Application JS CP

Client: Ecove
3 Olympic Boulevard
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Bates Smart
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Notes - Construction General (BASIX)

Glazing

- Aluminium framed
  - U-Value: 4.4 (equal to or lower than)
  - SHGC: 0.5 (+ or – 10%)

- Single clear windows that open to wintergardens
  - U-Value: 6.6 (equal to or lower than)
  - SHGC: 0.69 (+ or – 10%)

Given values are NFRC, total window values

DA07.002

Roof:

- Plasterboard ceiling - R3.0 bulk insulation to selected units
- Plasterboard ceiling - R2.0 bulk insulation to all units to top floor,
  - ceiling penetrations is less than 0.5% of the total ceiling area. If
down lights are proposed at a later stage, BCA loss of insulation calculations will be required.

Wall / floor insulation

- Lightweight cladding to all external walls with R1.5 bulk insulation
- No colour nominated
- Internal walls within units:
  - Plasterboard on studs - no insulation
  - 75mm hebel power panel plasterboard lined with R1.5 acoustic insulation to all other units.

Concrete – R2.1 insulation to all units in level 7 with car park

Floor coverings

- A/C
- Balcony

Central gas-fired boiler with R1.0 (~38mm) insulation to

A/C

Central hot water system

Alternative water supply available from Sydney Olympic Park

Authority to be used for the irrigation of all landscaping & all

toilets within the building

(No rainwater tank required for BASIX compliance)

Alternative energy

Not required by BASIX

A/C

DA08.001

DA08.001

DA08.001

DA02.036

DA07.001